INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009221

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   G06K9/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7   G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CAUWENBERGHS G. AND POGGIO T.: "Incremental and Decremental Support Vector Machines" ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS - NIPS 2000, vol. 13, 2001, XP002316050 cited in the application abstract sections 1-4	1-22
Y	TAX D M J; DUIN R P W: "Support vector domain description" PATTERN RECOGNITION LETTERS, vol. 20, no. 11-13, November 1999 (1999-11), pages 1191-1199, XP004490753 cited in the application sections 1-3	1-22

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X	Further documents are listed in the continuation of box C.		Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search	Date of mailing of the international search report
2 February 2005	17/02/2005

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Deltorn, J-M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SCHÖLKOPF B. AND SMOLA A.J.: "Learning with Kernels, Support Vector Machines, Regularization, Optimization, and Beyond" 2002, MIT PRESS , CAMBRIDGE, MASS, USA , XP002316053 page 227 - page 250 page 312 - page 329	1-22
A	MUKKAMALA S., JANOSKI G. AND SUNG A.: "Intrusion Detection Using Neural Networks and Support Vector Machines" PROCEEDINGS OF THE 2002 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS, vol. 2, 2002, pages 1702-1707, XP002316051 sections III and IV	12-14
A	NGUYEN B.V.: "Application of Support Vector Machines to Anomaly Detection" FINAL PROJECT FOR CS681RESEARCH IN COMPUTER SCIENCE - SUPPORT VECTOR MACHINES - FALL 2002, September 2002 (2002-09), XP002316052 whole document	1-22
A	DESOBRY F. AND DAVY M.: "Support Vector-Based Online Detection of Abrupt Changes" 2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING ICASSP 2003, 6 April 2003 (2003-04-06), - 10 April 2003 (2003-04-10) pages IV872-IV875, XP010641299 sections 1-3	1-22